Claims

I claim:

1. A method of creating a multi-metallic article, comprising the steps of:

providing a first metallic sheet member from a first metal,

providing a second metallic sheet member from a second metal differing in type from said first metal,

securing said first metallic sheet member to said second metallic sheet member to create a multi-metallic sheet blank,

forming said multi-metallic sheet blank into a multi-metallic article.

2. A method as in claim 1, further comprising the steps of:

providing a third metallic sheet from a third metal differing from said first and second metals,

securing said third metallic sheet to said multi-metallic sheet blank prior to forming said multi-metallic sheet blank into a multi-metallic article.

3. A method as in claim 1, wherein:

said securing step uses magnetic pulse welding to secure said first metallic sheet to said second metallic sheet.

4. A method as in claim 1, wherein:

said securing step uses laser welding to secure said first metallic sheet to said second metallic sheet.

5. A method as in claim 1, wherein:

said securing step uses weldbrazing to secure said first metallic sheet to said second metallic sheet.

6. A method as in claim 1, wherein:

said multi-metallic article is formed so as to have said first and second differing metals oriented along its length.

7. A method as in claim 1, wherein:

said multi-metallic article is formed so as to have said first and second differing metals oriented around its perimeter.

8. A method of creating a multi-metallic vehicle component, comprising the steps of:

providing a first metallic sheet member from a first metal,

providing a second metallic sheet member from a second metal differing in type from said first metal,

securing said first metallic sheet member to said second metallic sheet member to create a multi-metallic sheet blank,

forming said multi-metallic sheet blank into a multi-metallic vehicle component.

9. A method as in claim 8, further comprising the steps of:

providing a third metallic sheet from a third metal differing from said first and second metals,

securing said third metallic sheet to said multi-metallic sheet blank prior to forming said multi-metallic sheet blank into a multi-metallic vehicle component.

10. A method as in claim 8, wherein:

said securing step uses magnetic pulse welding to secure said first metallic sheet to said second metallic sheet.

11. A method as in claim 8, wherein:

said securing step uses laser welding to secure said first metallic sheet to said second metallic sheet.

12. A method as in claim 8, wherein:

said securing step uses weldbrazing to secure said first metallic sheet to said second metallic sheet.

13. A method as in claim 8, wherein:

said multi-metallic component is formed so as to have said first and second differing metals oriented along its length.

14. A method as in claim 8, wherein:

said multi-metallic component is formed so as to have said first and second differing metals oriented around its perimeter.

15. A method as in claim 13, wherein:

said component is a vehicle frame element.

16.A method as in claim 14, wherein:

said component is a vehicle frame element.